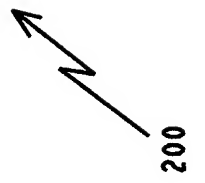FIG. 1
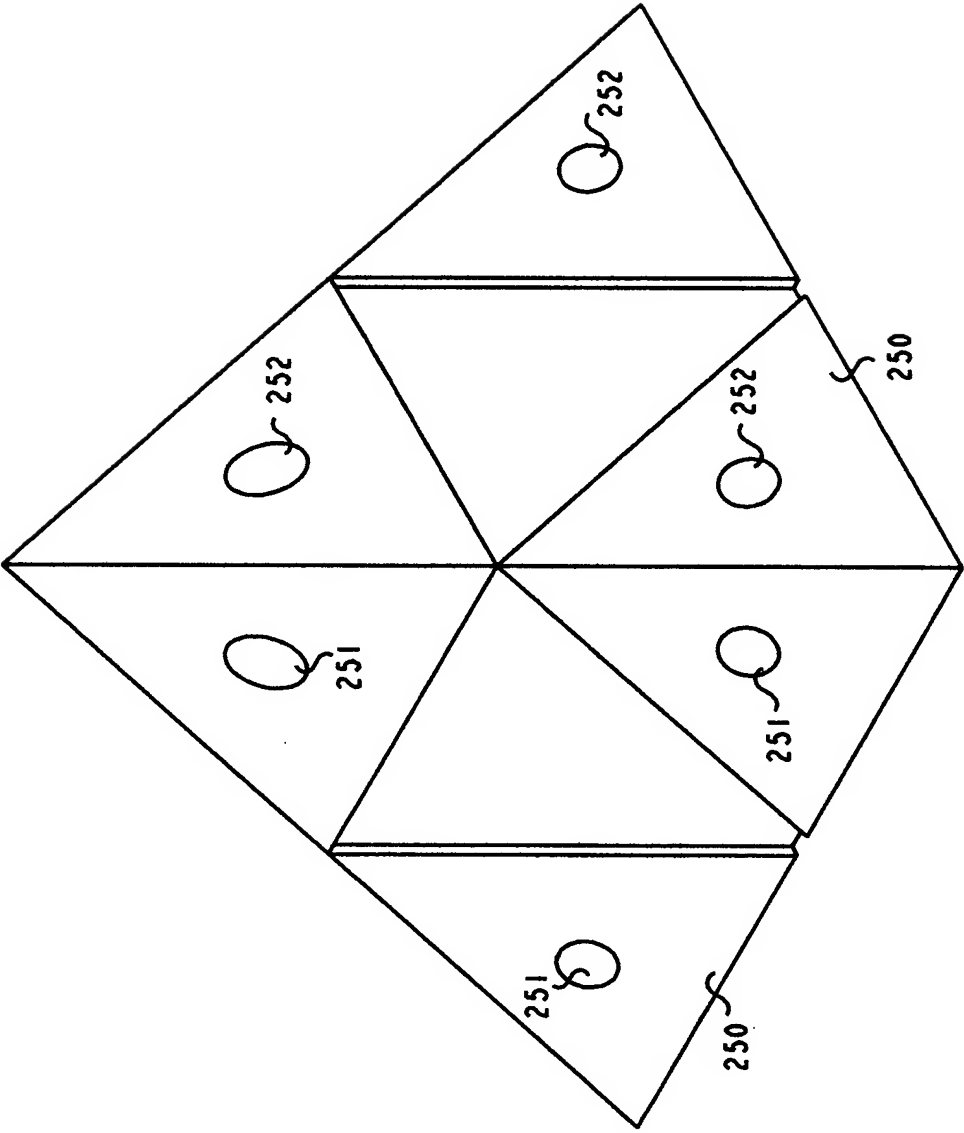
FIG. 2

4D COORDINATE SYSTEM BASED ON REGULAR TETRAHEDRON
NORMALS
(AT 120° ORTHOGONALS)
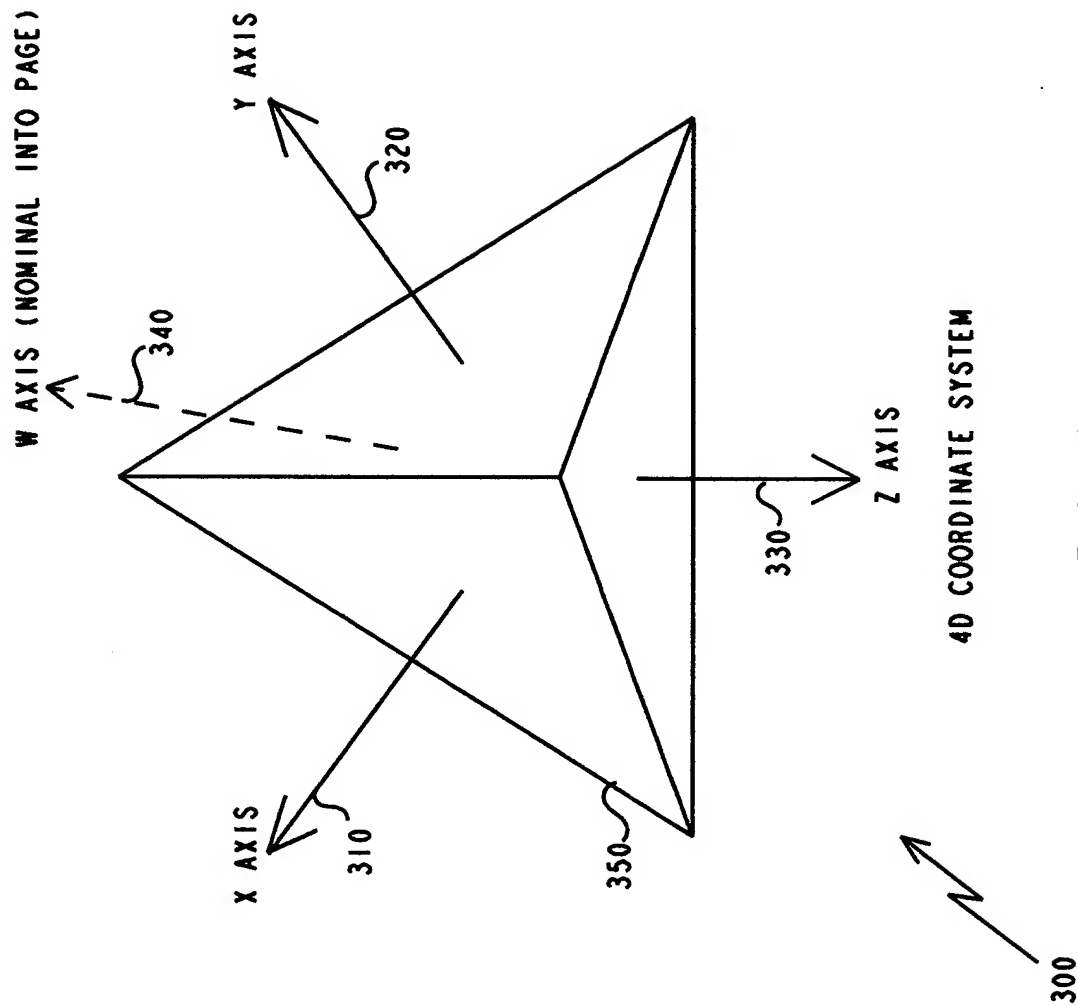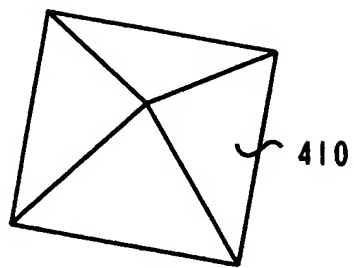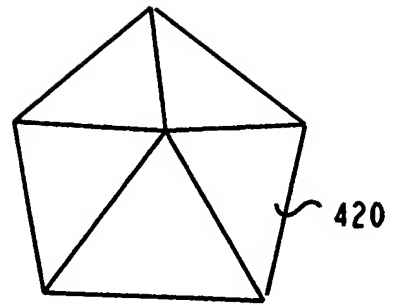
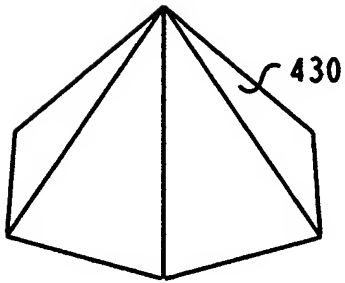W AXIS (NOMINAL INTO PAGE)

340

Y AXIS

320

X AXIS

310

Z AXIS

330

350

4D COORDINATE SYSTEM

300

F I G. 3

SQUARE PYRAMID

410

PENTAGONAL PYRAMID

420

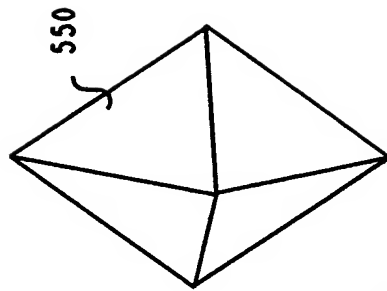HEXAGONAL PYRAMID

430
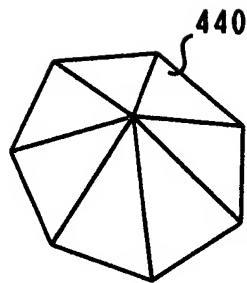
HEPTAGONAL PYRAMID
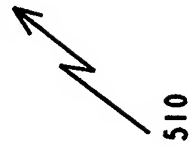
440

450
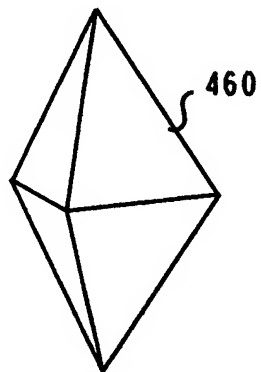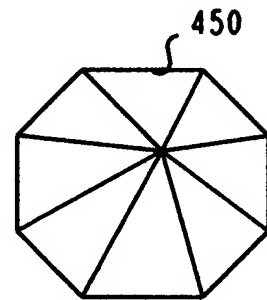
TRIANGULAR DIPYRAMID

460
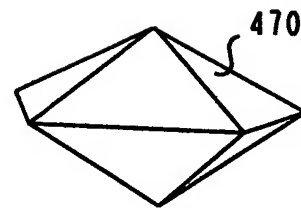
PENTAGONAL DIPYRAMID

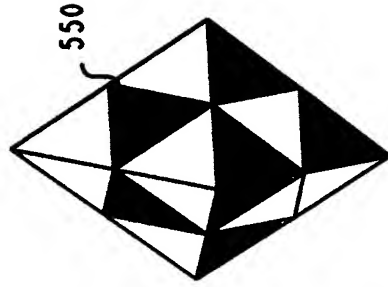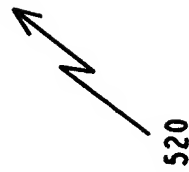470

400

FIG. 4

550

OCTAHEDRON
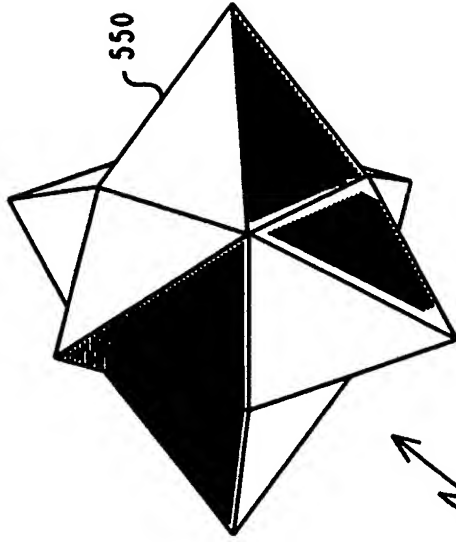
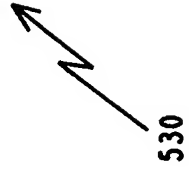FIG. 5A

510

550

LARGE OCTAHEDRON

FIG. 5B

520

550
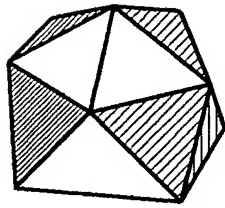
STELLATED OCTAHEDRON

FIG. 5C

530

500 = OCTAHEDRON GENERALLY
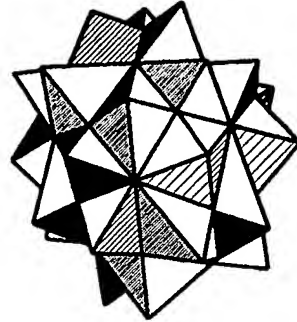
FIG. 5

600 = ICOSAHEDRON GENERALLY
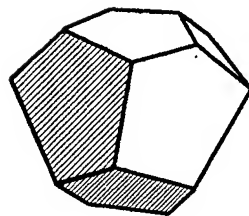
ICOSAHEDRON

FIG. 6A

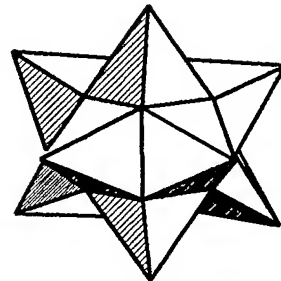610

STELLATED ICOSAHEDRON

620

FIG. 6B

DODECAHEDRON

710

FIG. 7A

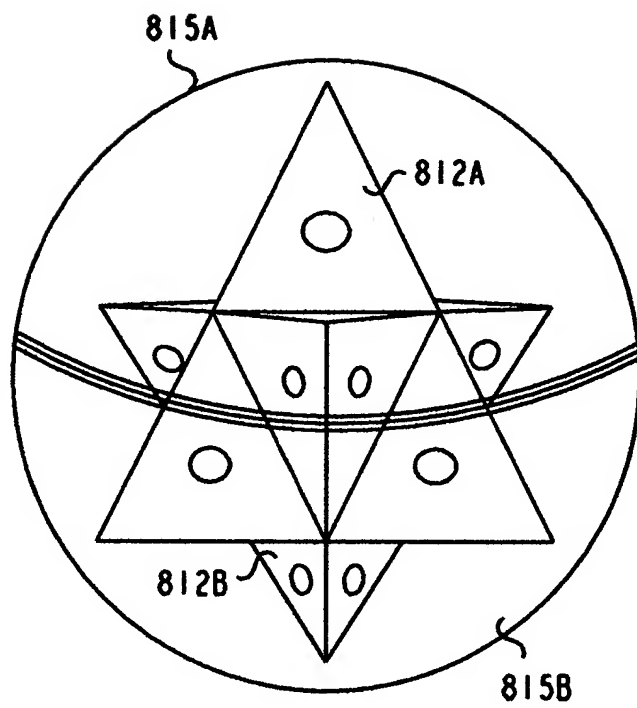STELLATED DODECAHEDRON

720

FIG. 7B

700 = DODECAHEDRON GENERALLY

FIG. 8A

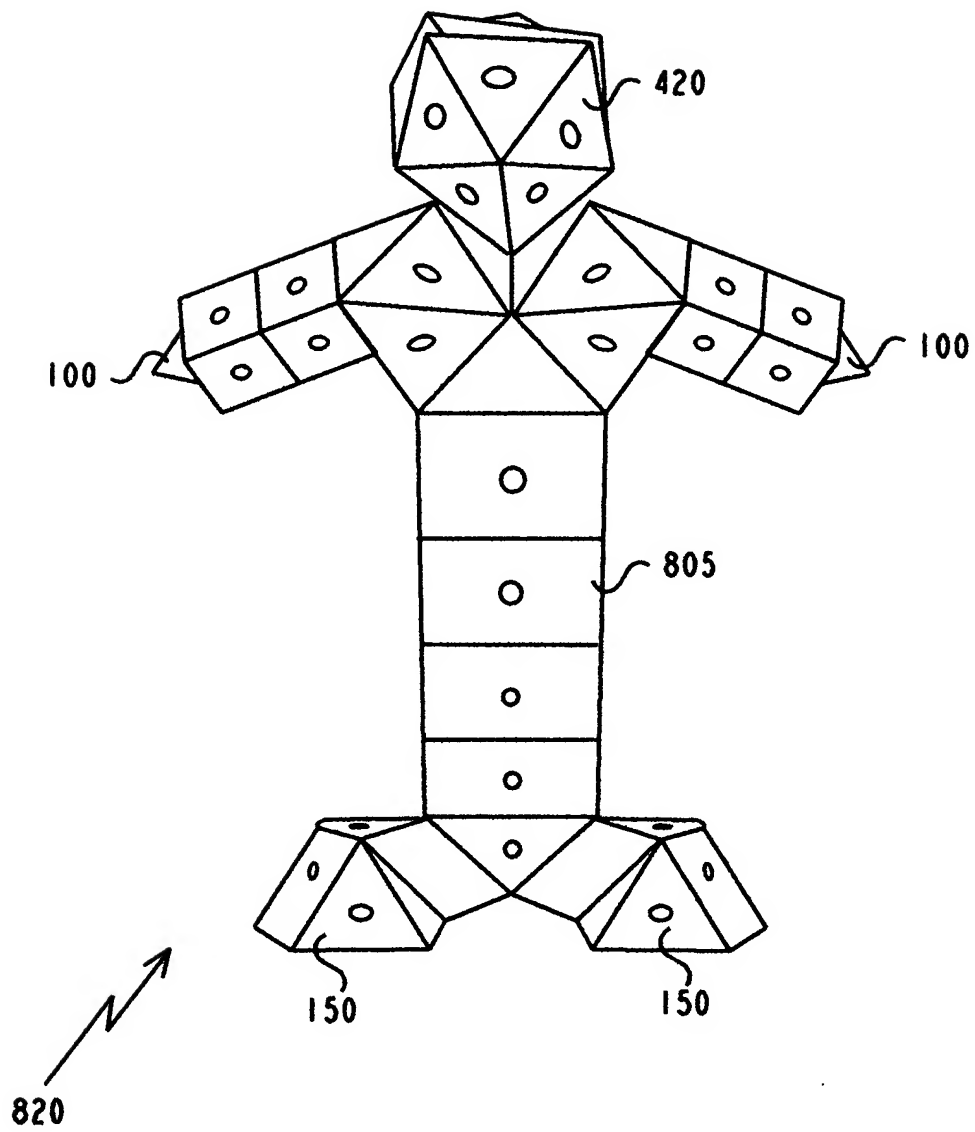FIG. 8B